

Chemokines in Different inflammatory Diseases

Disease		Chemokine	Chemokine receptor		
IBD (inflammatory bowel disease)		CXCL12	CXCR4		
		CXCL6	CXCR1, CXCR2		
		CXCL5	CXCR2		
		CCL19、CCL21	CCR7		
		CCL25	CCR9		
CVD (cardiovascular disease)	Atherosclerosis	CCL2	CCR2		
		CCL5	CCR1, CCR5		
		CXCL12	CXCR4		
		CCL13	CCR2		
		CXCL8	CXCR2		
		CXCL1	CXCR2		
		CX3CL1	CX3CR1		
	Myocardial Infarction	CCL2	CCR2		
		CXCL12	CXCR4		
		CXCL8	CXCR2		
		CCL7	CCR2		
		CXCL1	CXCR2		
		CXCL10	CXCR3		
		CCL3	CCR5		
		CCL4	CCR5		
		CCL5	CCR5		
		CX3CL1	CX3CR1		
		Pneumonia		CXCL9	CXCR3
				CXCL10	CXCR3
CCL2	CCR2				
CCL7	CCR2				
CCL17	CCR4				
CCL22	CCR4				
Arthritis		CCL2	CCR2		
		CXCL10	CXCR3		
		CCL19	CCR7		
		CCL4	CCR5		
		CCL22	CCR4		
		CCL15	CCR1,CCR3		
		CCL20	CCR6		
		CCL2	CCR2		

EAE (experimental allergic encephalomyelitis)		CXCL10	CXCR3
		CXCL12	CXCR4
		CXC3L	CX3CR1
		CCL5	CCR5
		CCL3	CCR1
		CCL21	CCR6, CCR7
		CXCL16	CXCR6
		CXCL1	CXCR2
DTH (delayed type hypersensitivity)		CXCL13	CXCR5
		CCL1	CCR8
		CCL22	CCR4
		CCL17	CCR4
		CCL27	CCR10
		CXCL10	CXCR3
		CCL8	CCR2
		CCL20	CCR6
Diabetes	Type 2	CXCL8	CXCR1, CXCR2
		CCL2	CCR2
		CCL3	CCR5
	Type 1	CXCL10	CXCR3
		CCL3	CCR5
		CCL4	CCR5
		CCL20	CCR6
Chemokines and their receptors marked by orange are dominant chemokines in corresponding inflammatory diseases.			